



Existing 300 Dia foul sewer to be re-laid due to defects identified on the CCTV survey.

Maintenance easement also required for SABS components. To be considered further.

SUDS Basin
Bed : 39.100m
Side slopes : 1:3
Base Area : 670sq.m
1yr TWL : 39.429
30yr TWL : 39.903
100yr TWL : 40.431
(+30% CC+10%UC)
Storage : 1450m³
1m safety bench provided at 40.700

Erosion protection at inlet. Stone pitched channel along SUDS Basin (1:200 gradient) for flow flow events

S33 Flow control chamber Hydro-Brake Optimum Restricted to 13.5l/s (GBAR) for western portion of site currently flowing into highway

4" Abandoned Water Main

3500 Water Main

Land Drain
CL : 39.95
IL : 39.05

30m long interceptor land drain preventing overland flows on to Upper Denbigh Road.

Land Drain
CL : 39.45
IL : 38.55

Land Drain
CL : 39.45
IL : 38.55

1200 Dia catchpit concrete manhole
CL 39.35
IL 36.76

4" Water Main

Reconstruct existing masonry chamber with 1500Ø PC MH

300Ø Pipe @ 1:12 to watercourse

Existing Land Drain

Legend

- Site Boundary
- Existing Combined Sewer
- Proposed Adoptable Surface Water Sewer
- Proposed Adoptable Foul Sewer
- Slab Level (FFL 47.40)
- Root Protection Area
- Wall
- Flag on Edge
- Underbuild
- Tanking
- Depth of fill (existing to proposed)

Note: Retention of 300mm and above has been shown for strategy stage. Small retaining features and underbuild of up to 225mm will also be required at other locations and will be shown at detailed design stage

STRATEGY

Rev. Date Revision By Appd.

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Park House
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Client: **Castle Green**

Project: Upper Denbigh Road, St Asaph

Title: Proposed Drainage Strategy

DRAWING NUMBER	SCALE at A0	1:500
7866 / SK111	DATE	06.11.22
	DRAWN	AJ
	CHECKED	AJ

